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EV

PINE GROVE NURSERY

Clearfield Pa.

R. D. #3

NATIONAL AGRICULTURAL LIBRARY

Seedlings and Transplants for E. I. V. Christmas Trees, Reforestation, Windbreaks, Soil Banks, etc.

SEP 13 1962

PRICE LIST

U. S. DEPARTMENT OF AGRICULTURE

Fall 1962 — Spring 1963

SCOTCH PINE (pinus sylvestris)

Scotch pine is a very hardy, fast growing evergreen tree with good needle retaining qualities making it the most popular tree for commercial Christmas tree growing. Some strains have been proven to have good color and form qualities for this purpose. Other strains have a tendency to yellow with cold weather, have longer needles, etc. These have a good use for pulpwood and other conservation planting.

We are growing the following strains in order to fill the needs for all kind of planting. Our 3 year pine seedlings have all been root pruned to encourage fibrous root growth and increase survival.

FRENCH (de auvergne)

Short needle, bushy habit, good color, has been preferred by most Christmas tree growers.

		Per 100	Per 1000
3 yr. seedlings	8"-12"	\$4.50	\$28.00
2 yr. seedlings	5"-7"	4.00	22.50
2 yr. seedlings	2"-4"	—	12.00

SPANISH (guadarrama)

Short needle, straighter stem, good Christmas tree.

3 yr. seedlings	9"-12"	4.50	28.00
2 yr. seedlings	4"-7"	4.00	22.50
2 yr. seedlings	2"-4"	—	12.50

SPANISH (burgoise)

Very similar to above

2 yr. seedlings	4"-8"	4.00	22.50
2 yr. seedlings	2"-4"	—	12.00

DOMESTIC (northwest Pa.)

Seed collected from selected parent trees for color and other characteristics.

3 yr. seedlings	9"-12"	4.50	28.00
2 yr. seedlings	4"-6"	4.00	22.50

AUSTRIAN HILL

Longer needle, straight stem, fast growing for windbreaks, conservation planting, etc.

3 yr. seedlings	14"-18"	4.50	28.00
2 yr. seedlings	5"-8"	4.00	22.50

WHITE PINE (*pinus strobus*)

Long, soft needle, good Christmas tree, good timber

2 yr. seedlings	4"-6"	4.00	22.50
3 yr. seedlings	7"-10"	5.00	30.00

JAPANESE BLACK PINE (*pinus thunbergi*)

Long needle, resistant to salt air, good for coastal planting.

2 yr. seedlings	8"-12"	4.00	25.00
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AUSTRIAN PINE (*pinus nigra*)

Long needle, very hardy on thin soil, resistant to industrial fumes. Windbreak and timber, fair Christmas tree.

2 yr. seedlings	4"-7"	4.00	22.50
3 yr. seedlings	8"-12"	5.00	30.00

RED or NORWAY PINE (*pinus resinosa*)

Long needle, hardy, Christmas trees or timber.

3 yr. seedlings	7"-10"	4.50	28.00
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PONDEROSA PINE (*pinus ponderosa*)

Long needle, for timber, windbreaks.

2 yr. seedlings	4"-7"	4.00	22.50
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NORWAY SPRUCE (*picea abies*)

Fast growing strain for Christmas trees, windbreaks, timber.

2 yr. seedlings	5"-8"	4.50	22.50
3 yr. seedlings	10"-15"	5.00	30.00
4 yr. transplants, 3-1	10"-16"	7.00	55.00

WHITE SPRUCE (*picea glauca*)

Similar to Norway except has a more blue cast to color; used for Christmas trees, windbreaks, ornamentals.

2 yr. seedlings	4"-6"	4.50	22.50
3 yr. seedlings	8"-12"	5.00	30.00
6 yr. transplants, 3-3	14"-18"	8.50	65.00

BLACK HILLS SPRUCE (*picea glauca densata*)

Slow compact growth, good ornamental & Christmas tree.

3 yr. seedlings	6"-10"	5.00	30.00
4 yr. seedlings root pruned & thinned in bed	10"-15"	6.00	40.00
5 yr. transplants, 3-2	12"-15"	8.50	65.00

ENGELMANN SPRUCE (*picea engelmanni*)

Produces a large percentage of blue trees. Good ornamental & Christmas tree.

3 yr. seedlings	5"-8"	5.00	30.00
4 yr. seedlings root pruned & thinned in bed	9"-12"	6.00	40.00

BLACK SPRUCE (*picea mariana*)

Slender, narrow crown. Does well in moist or swampy soil; good Christmas tree and ornamental.

2 yr. seedlings	3"-6"	4.00	22.50
should be transplanted in bed before being planted in field			

COLORADO BLUE SPRUCE

(*picea pungens glauca*)

Most popular of the spruces for ornamentals and Christmas trees. Green to deep blue in color.

2 yr. seedlings	4"-6"	4.00	25.00
3 yr. seedlings	7"-10"	5.50	35.00
4 yr. seedlings	10"-14"	6.00	45.00
5 yr. transplants, 3-2	9"-12"	10.00	75.00
6 yr. transplants, 3-3	12"-16"	15.00	125.00

DOUGLAS FIR

(*pseudotsuga taxifolia glauca*)

BLUE from high elevations of Colorado. Very good for ornamentals, border planting, timber and is the No. 1 Christmas tree.

2 yr. seedlings	5"-8"	4.00	25.00
3 yr. seedlings	9"-12"	5.50	35.00
4 yr. transplants, 3-1	10"-12"	7.00	55.00

DOUGLAS FIR

(*pseudotsuga taxifolia caesia*)

GRAY from British Columbia interior, more hardy & frost resistant.

2 yr. seedlings	4"-7"	4.00	25.00
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CONCOLOR (white) FIR (*abies concolor*)

Most hardy of the firs, used for Christmas trees, ornamentals and timber.

3 yr. seedlings	7"-10"	5.50	35.00
5 yr. transplants, 3-2	6"-9"	10.00	75.00

FRASER FIR (*abies fraseri*) southern balsam

Good Christmas tree & ornamental. Hardy, will stand drier sites than northern balsam.

3 yr. seedlings	4"-6"	5.00	30.00
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BALSAM FIR (*abies balsamea*)

Used for ornamentals and Christmas trees, should have plenty of moisture.

3 yr. seedlings	4"-6"	5.00	30.00
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CANADIAN HEMLOCK (*tsuga canadensis*)

Widely used for ornamental & hedge planting.

3 yr. seedlings	4"-8"	6.00	40.00
2 yrs. in transplant bed, second year full sun	15"-20"	25.00	175.00

MUGHO PINE (*pinus mugo pumilio*)

True dwarf pine for ornamental & border planting.

4 yr. seedlings root pruned and top sheared	5"-7"	5.50	35.00
3 yr. seedlings	3"-6"	4.00	25.00

RED CEDAR (*juniper virginiana*)

4 yr. seedlings, heavy stems	12"-16"	5.50	35.00
3 yr. seedlings	6"-9"	4.00	22.50

SILVER JUNIPER (juniper scopulorum)

3 yr. seedlings	5"-8"	8.00	—
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JAPANESE YEW (taxus capitata)*From seed, upright type.*

3 yr. seedlings	2"-4"	8.50	65.00
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JAPANESE LARCH (larix leptolepis)*Not an evergreen but has soft green needles similar to some evergreen trees. Fast grower, valuable for timber as well as roadside and landscape planting.*

3 yr. seedlings	10"-16"	4.50	27.50
2 yr. seedlings		4.00	20.00

AMERICAN ARBORVITAE**(thuja occidentalis)***Ornamental & hedge planting.*

3 yr. seedlings	5"-8"	5.00	30.00
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BLACK LOCUST (robonia pseudoacacia)*Fast ground cover for erosion control and strip mine planting. Wood used extensively for fence posts.*

1 yr. seedlings		4.00	22.50
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MULTI-FLORA ROSE (rosa multiflora)*For hedges, fences and erosion control.*

1 yr. seedlings		3.50	20.00
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CHINESE CHESTNUT*Blight resistant. Produces nuts similar to our native chestnut.*

2 yr. seedlings	20"-30"	20.00	150.00
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ITEMS LISTED BELOW ARE SELECTED STOCK
FOR THOSE WHO WISH TO ORDER IN SMALLER
LOTS.

CANADIAN HEMLOCK

2 yrs. in transplant bed	16"-20"	25 for 7.50
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COLORADO BLUE SPRUCE

6 yr. transplants	14"-16"	25 for 6.50
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WHITE SPRUCE

6 yr. transplants	16"-18"	25 for 6.00
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BLACK HILLS SPRUCE

5 yr. transplants	12"-15"	25 for 6.00
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COLORADO BLUE SPRUCE

4 yr. seedlings	12"-15"	25 for 4.00
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NORWAY SPRUCE

3 yr. seedlings	12"-15"	25 for 3.50
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CHINESE CHESTNUT

2 yr. branched	24"-30"	5 for 3.50
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Will be shipped postpaid at planting time. Cash
with order please. Penna. customers add 4% sales tax.

R. D. 3

PINE GROVE NURSERY

CLEARFIELD, PA.

ORDER BLANK

Ship to

Date

Approximate Shipping Date

Preferred Shipping

BUS () PARCEL POST () EXPRESS ()

QUANTITY

AGE

SIZE

KIND AND DESCRIPTION

PRICE

Pennsylvania Customers add Sales Tax or fill in other side.

Pennsylvania residents are subject to Sales Tax on Nursery Stock, except that which is bought for resale in its original form or for Horticultural Production. If entitled to exemption, please fill out and return form below.

CERTIFICATE OF EXEMPTION

Commonwealth of Pennsylvania

Bureau of Sales and Use Tax

Date

This certifies that all stock purchased from PINE GROVE NURSERY, Clearfield, Pa. is

- () For Resale in its original form.
- () For Horticultural Production.
- () Other—Please explain.

Purchased by

Address

Certificate No.

Signature and Title

PLANTING INFORMATION

For Christmas Tree growing, Scotch Pine is in great demand, due to its fast growing and needle retaining characteristics. Some growers prefer a variety of Scotch, Spruce and Firs.

Plantings are made with 4' x 4' spacing, requiring approximately 2700 trees per acre --- 5' x 5' about 1700 trees and 6' x 6' about 1200 trees. The 5' x 5' spacing is usually used for Christmas Tree Planting. Shearing is very important after third year and brush should be kept cut in order to get trees in good shape and density.

For windbreaks, a double row planted 6 to 8 feet apart with offset spacing is usually satisfactory. For Hedge planting 12" to 15" will close tightly after shearing.

Seedlings should be carried in a pail with muddy water covering roots at all times. WE DO NOT recommend fall planting in areas of heavy clay soil. However it is done in some areas with good results. EARLY spring is BEST planting time.

Planting is generally done with a bar or mattock, opening a hole and placing the tree at proper depth. Close the hole by tramping firmly with the heel or otherwise. Machine planting of large quantities is being done in most areas with good results.

If trees cannot be planted immediately upon arrival, unwrap, heel in trench and keep moist by watering until planted.

We suggest you contact a local forester or county agriculture agent for more information on planting.

NEVER	ALLOW ROOTS
	TO DRY OR BE
EXPOSED TO SUN OR AIR	

SHIPPING

Orders will be filled in order received unless specified date is given. We do our best to meet shipping dates but cannot guarantee shipment because of weather conditions, etc.

Shipment will be made parcel post, express, or Greyhound bus collect, whichever is cheaper and faster unless directions are given.

Fall shipping will start about Sept. 15 and continue as long as weather permits. Spring shipping will start as soon as possible, usually the latter part of March and continue until new growth advances to the point of endangering survival. Please note that seedlings CANNOT be lifted from frozen ground without root damage.

TERMS

PLEASE READ CAREFULLY

All stock offered subject to prior sale or loss beyond our control. No orders accepted for less than amounts indicated on price list. Orders of 100 to 500 at the 100 rate, 500 to 1,000 at the 1,000 rate. **WRITE FOR QUOTATIONS ON LARGE ORDERS.** Prices shown are net to 5,000. Orders accepted for 25% cash with order, balance C.O.D. All prices are F.O.B. Clearfield unless otherwise noted.

Since we have no control after shipping we cannot guarantee survival. However since our stock is carefully handled and packed in damp sphagnum moss and wrapped in waterproof paper they should arrive in excellent condition.

Our stock is State and Federal inspected and graded to rigid standards under very close supervision.

We have no agents or representatives. Our stock cannot be purchased except direct from Pine Grove Nursery.

Member of

Penna. Nurseryman's Assoc.

Penna. Christmas Tree Grower's Assoc.

American Forestry Assoc.

Reference:

County National Bank, Clearfield, Pa.

PINE GROVE NURSERY

R. D. #3

CLEARFIELD, PA.

J. L. Long

phone Clearfield PO 5-7057

C. R. Schickling

phone Clearfield PO 5-8638

Please feel free to phone, write or visit our Nursery located on the James Long Farm, 3 mile south of Clearfield on the Clearfield-Glen Richey road.